This form should be used for all taxonomic proposals. Please complete all those modules that are applicable.

For guidance, see the notes written in blue and the separate document “Help with completing a taxonomic proposal”

Please try to keep related proposals within a single document.

Part 1: **TITLE, AUTHORS, etc**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Code assigned:** | ***2017.011M*** | | | | (to be completed by ICTV officers) |
| **Short title:** Changing individual genus and species names in the family *Orthomyxoviridae* | | | | | |
| **Modules attached**  (Modules 1, 4 and either 2 or 3 are required. | | **1**  **2  3  4** | | | |
| **Author(s):** | | | | | |
| The ICTV *Orthomyxoviridae* Study Group:  Smith, Gavin JD  Bahl, Justin  Donis, Ruben  Hongo, Seiji  Kochs, Georg  Lamb, Bob  McCauley, John  Palese, Peter  Perez, Daniel  Presti, Rachel  Rimstad, Espen  and  Kuhn, Jens H.; [kuhnjens@mail.nih.gov](mailto:kuhnjens@mail.nih.gov) | | | | | |
| **Corresponding author with e-mail address:** | | | | | |
| Kuhn, Jens H.; [kuhnjens@mail.nih.gov](mailto:kuhnjens@mail.nih.gov) | | | | | |
| **List the ICTV study group(s) that have seen this proposal:** | | | | | |
| A list of study groups and contacts is provided at <http://www.ictvonline.org/subcommittees.asp> . If in doubt, contact the appropriate subcommittee chair (there are six virus subcommittees: animal DNA and retroviruses, animal ssRNA-, animal ssRNA+, fungal and protist, plant, bacterial and archaeal) | | | **ICTV *Orthomyxoviridae* Study Group** | | |
| **ICTV Study Group comments (if any) and response of the proposer:** | | | | | |
|  | | | | | |
|  | | | | | |
| Date first submitted to ICTV: | | | | June 8, 2017 | |
| Date of this revision (if different to above): | | | |  | |

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| **ICTV-EC comments and response of the proposer:** |
|  |

**Part 2**: **PROPOSED TAXONOMY**

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| --- |
| Present the proposed new taxonomy on accompanying spreadsheet |
| **Name of accompanying spreadsheet: 2017.011M.N.v1.Orthomyxoviridae\_ren** |

Please display the taxonomic changes you are proposing on the accompanying spreadsheet module 2017\_TP\_Template\_Excel\_module. Submit both this and the spreadsheet to the appropriate ICTV Subcommittee Chair.

1. **Rename four ICVCN-noncompliant genus names**

The current orthomyxoviral genus names *Influenzavirus A*, *Influenzavirus B*, and *Influenzavirus C*, and *Influenzavirus D* do not comply with the ICVCN as they are in violation of Rule 3.24 (“A genus name shall be a single word ending in ...*virus*”). To correct this violation, we propose replacing those four genus names with new, compliant names that only hint at the identity of the hosts from which their member viruses were originally isolated (*Alphainfluenzavirus, Betainfluenzavirus, Gammainfluenzavirus, Deltainfluenzavirus*, respectively). These are more easily related to the current nomenclature and therefore likely to avoid confusion.

1. **Rename five species names**

At the moment, five orthomyxovirus species names are identical in spelling to the names of their virus members and only differ by presence or absence of italics and/or capitalization (e.g., the species *Quaranfil virus* is the taxonomic home for Quaranfil virus [QRFV]). Consequently, species and virus names are easily confused and misused. To remove this ambiguity, we propose replacing the current ambiguous species names with non-Latinized binomial names distinct from virus names as proposed by van Regenmortel *et al*., and as already implemented for all negative-strand RNA virus families (*Arenaviridae*, *Bornaviridae*, *Feraviridae*, *Filoviridae*, *Fimoviridae*, *Hantaviridae*, *Jonviridae*, *Mymonaviridae*, *Nairoviridae*, *Nyamiviridae*, *Paramyxoviridae*, *Peribunyaviridae*, *Phasmaviridae*, *Phenuiviridae*, *Pneumoviridae*, *Rhabdoviridae*, *Tospviridae*, and *Sunviridae*) except one (*Ophioviridae*).